SPAWAR Systems Center Norfolk

Aviation Supply Officer / Supply Chief Conference
May 2005

Capt P.J. Seipel
Marine Liaison

Space and Naval Warfare Systems Center, Norfolk

Our Mission:

"To provide global 'cradle to grave' software support and engineering for fleet standard automated information systems afloat and ashore."

Support

- Phone support
  - DSN 646-0417
  - DSN 646-0700
  - 757 582-6541/2 (After Hours)
- Remote intervention
- On-site support
- Identify, escalate problems and needs

Implementation

- Pre-installation preparation
- Database Conversion, Construction
- System Installation
- Implementation Training

SW Engineering

- Requirements
- Feasibility, Proof of Concept
- Architecture, Design
- Integration (COTS, GOTS)
- System Construction
- Verification, Validation
- Acceptance, Certification

Our People:

DET Pacific San Diego
- Implementations Lead

SPAWARSYSCEN Norfolk
- HQ
- Product Engineering
- Fleet Support Lead

DET WestPac Yokosuka
- Fleet Support for units deployed to or located in W. Pacific & Indian Ocean

Our Priority:

- Fleet Support
  - Communication
  - 24 hour Trouble Call Assistance
    - SMTS Online Trouble Reporting
      - **https://remedyweb.scn.spawar.navy.mil/arsys/apps/shared/login.jsp**
    - Phone Support
  - Trouble Call Resolution
    - Remote Assist
    - On-Site Assist
  - System Grooms
    - End of FY Closeout Assist
    - On Request

On the Horizon:

- CY04
- CY06
  - 18 month release cycle
  - TAC IV
  - One-Supply
  - Mailout
- Force Level Modernization
  - Operating System: Upgrade HP-UX 10.20 to HP-UX 11i.v1
  - RDBMS: Upgrade to Sybase ASE 12.5.2
  - CY06
  - New ATO
  - Hardware TBD
  - Security Updates
    - IPv6

Fleet Issues:

- System Maintenance
  - Back-ups
  - Trouble Call reporting
- Release Management
  - IAVA’s
  - Installation reporting
- How do you help us help you?
  - Fleet User Conferences
  - NTCSS RIPT
  - NTCSS Forum
  - Communicate

Questions

SCREWDRIVER.
WHAT'S HE DOING TO MY COMPUTER?!
BE STRONG, SIR... BE STRONG! IT WAS A MASSIVE HARD DRIVE FAILURE. AND... THERE MAY BE FILE DAMAGE.
YOU GOTTA SAVE IT. I JUST DID FITREPS! SOB
WE NEED A WAITING ROOM.
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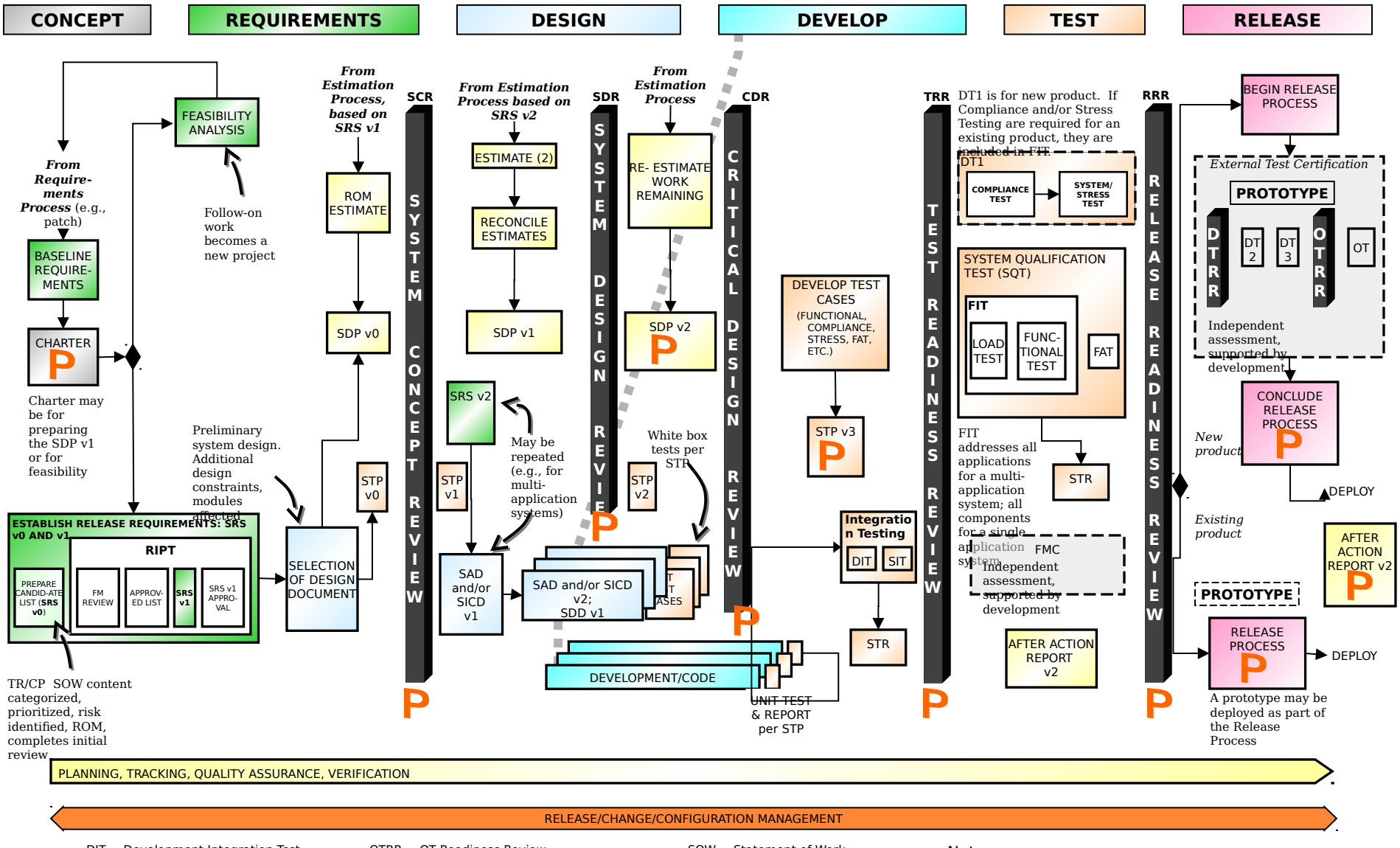
Backup Slides

SPAWARSYSCEN Norfolk Software Engineering Life Cycle



DIT = Development Integration Test
DT = Developmental Test
DTRR = Development Test Readiness Review
FAT = Final Acceptance Test
FIT = Final Integration Test
FMC = Functional Manager Certification
OT = Operational Test
OTRR = OT Readiness Review
RIPT = Requirements Integrated Product Team
ROM = Rough Order of Magnitude
SRS = Software Requirements Specification for a release
SIT = System Integration Test
SDP = Software Development Plan
SOW = Statement of Work
STP = Software Test Plan
STR = Software Test Report
P = Configuration Item (Archive) = any subsequent modifications require CCB

Notes:
- Ongoing requirements analysis of new TRs and CPs occurs throughout the life cycle
- Boxes with dotted lines indicate optional steps

“External” Release Processes

- External processes
  - Functional Area Manager (FAM) approval (OPNAV)
  - Engineering Change Order / ILS Certification (FCIP)
  - SHIPMAIN (CFFC / COMNAVSURFOR)
  - PPL / SSIL (PMW 165)
  - Security Accreditation SSAA (PMW 161)
  - TIDS/SUBLAN Testing (NUWC)
  - SPAWAR Configuration Control Board (SPAWAR CCB)
  - Fleet Readiness Configuration Board (FRCB – Ashore sites)
  - C5IMP Configuration Control Board (eCCB – Afloat sites)
  - NAVSEA Battle Force Integration Configuration Control Board (BFICCB)
  - NMCI Certification (NMCI Shore Sites only)